Improving Shipboard Surveys

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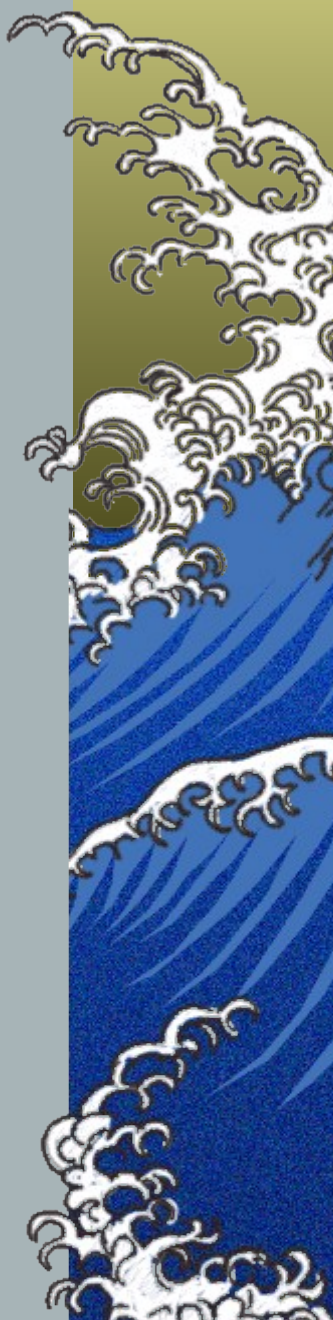
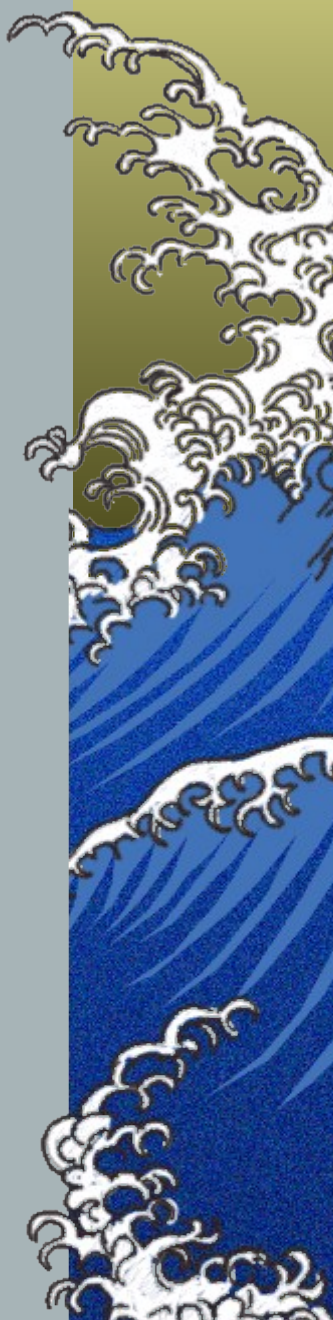


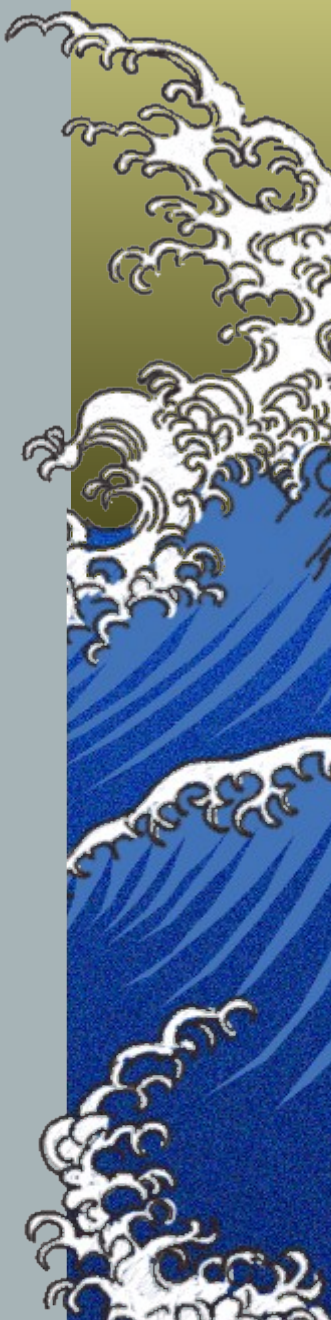
Two Strategies

- **Streamlining the process - Class Profiles**
- **Improving the quality of data in the existing format**

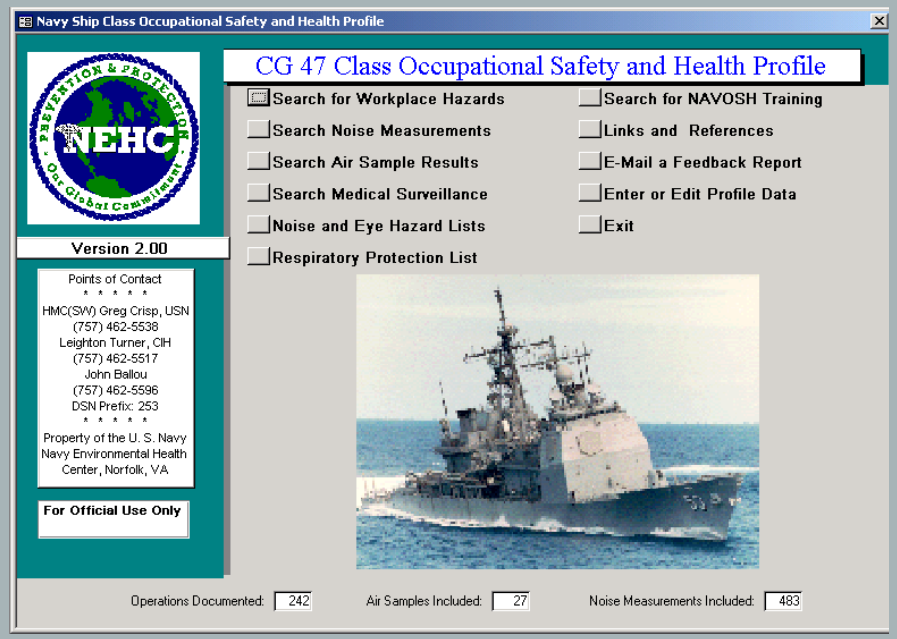


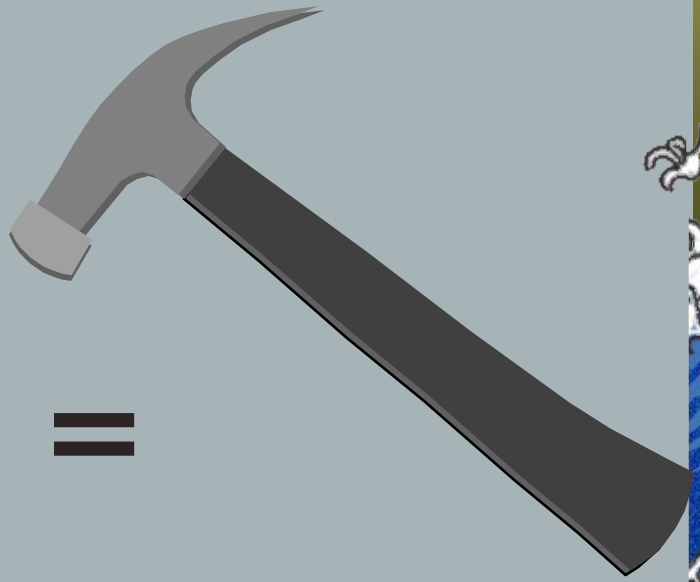
What is a Ship Class Profile?

- **Class-specific Database containing:**
  - *Industrial Hygiene survey information*
  - *Selected safety information*
  - *NAVOSH training information*
- **Paradigm shift**
  - *Paper to paperless*
  - *Word processor to database*



Ship Class Profile





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It’s a tool!!

Profile Process

Master Profile-NEHC

Individual Ship Profile-IH Service Provider

Customer-A Ship

2 TYPES OF SHIP PROFILES

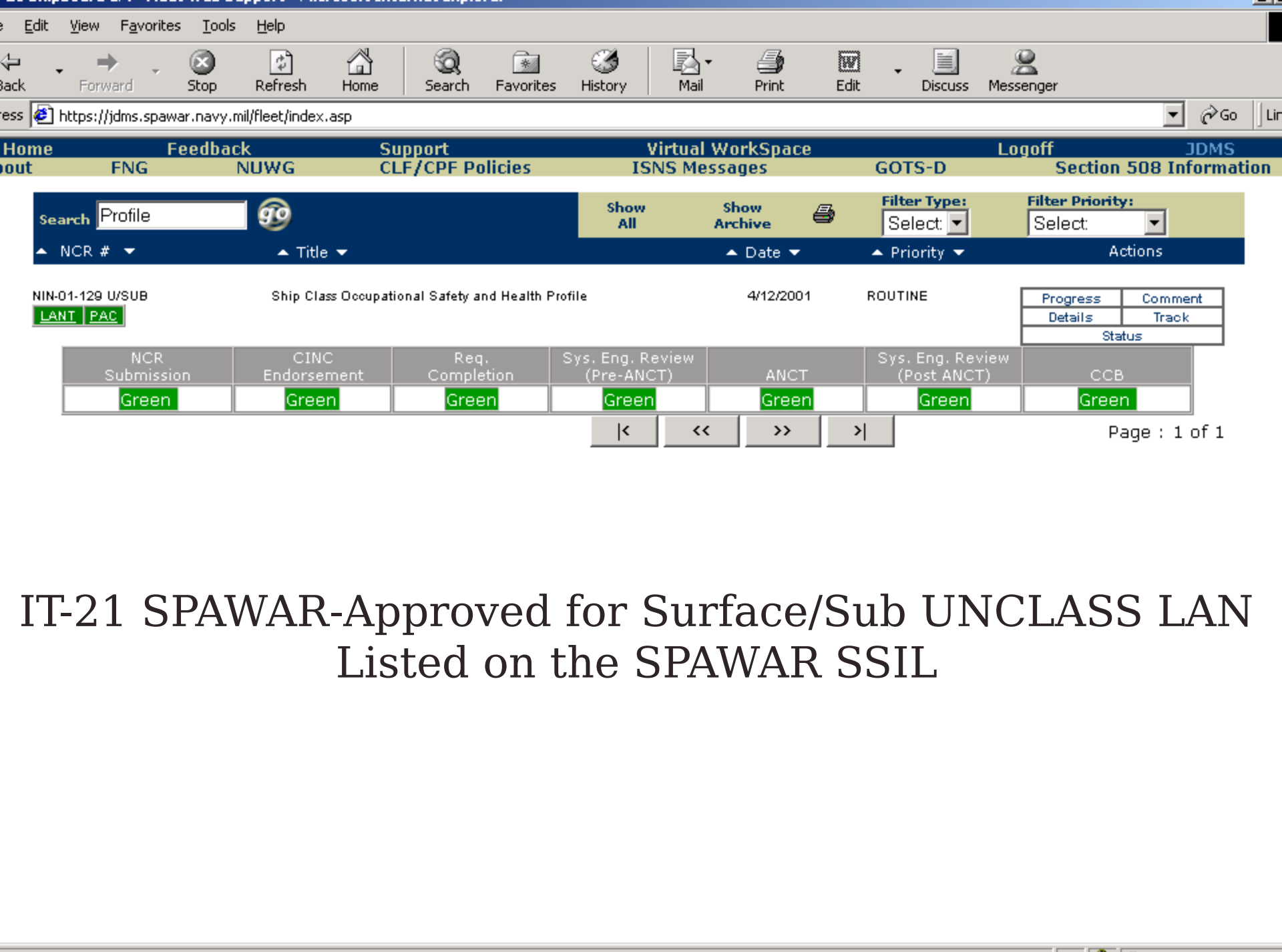
- *MASTER CLASS PROFILE:*
  1. *Created by - NEHC*
  2. *Used by - IH service provider*
- *INDIVIDUAL SHIP PROFILE:*
  1. *Created by – IH service provider from the Master Class Profile*
  2. *Used by - Ships (e.g. IDCs, MDRs, Safety Officers/Petty Officers, DIVOs, Dept Heads, NAVOSH Program Managers)*

MASTER CLASS PROFILE

- *Created by NEHC*
- *Contains the information in existing Baseline, Periodic, and Special IH surveys of all ships in an Access database format.*
- *Contains any documented operation of occupational safety and health significance done on any ship of the Class.*
- *Contains all air sampling and noise measurement data collected on any ship of the Class.*
- *All operations in the Master Class Profile are not done on every ship of the Class. So the Master Class Profile should be tailored by the IH service provider before use by a ship.*

INDIVIDUAL SHIP PROFILE

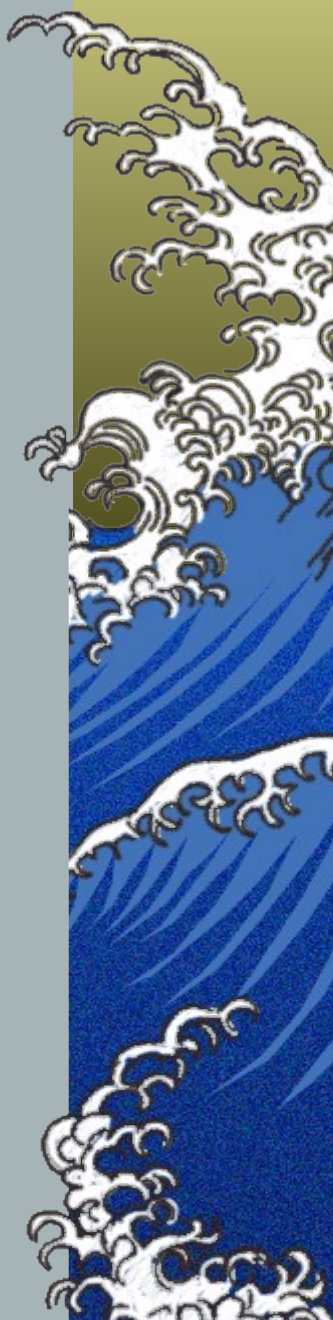
- *Created by the ship's IH service provider by tailoring the Master Profile to a specific ship.*
- *Reduced effort since only editing required.*
- *Ensures Profile operations are only those done on that ship, identifies new operations.*
- *Ship still has access to all air samples and noise measurements on all ships of the Class.*



IT-21 SPAWAR-Approved for Surface/Sub UNCLASS LAN Listed on the SPAWAR SSIL

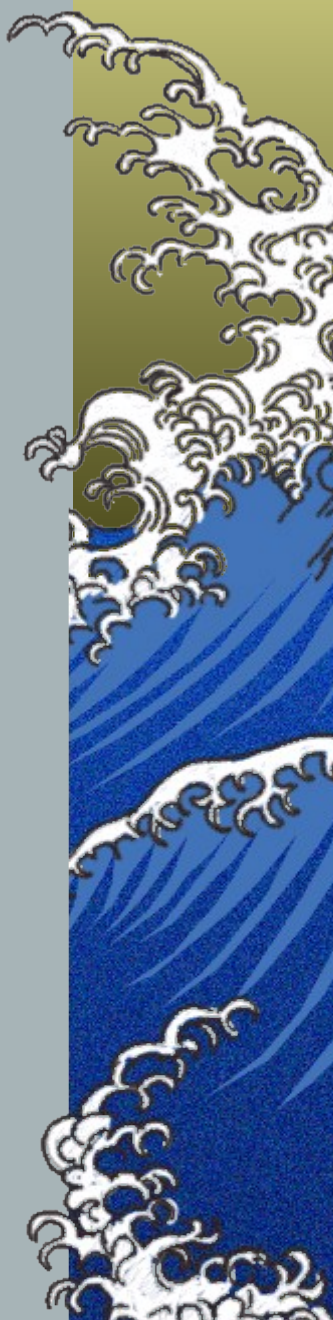
Multiple Customers/Needs

- **Primary –** *Ships*
- **Secondary**
  - *IH service providers*
  - *Fleet/TYCOM NAVOSH managers*
  - *NAVOSH program managers (i.e., CNO, BUMED, NAVSAFECEN, NEHC)*



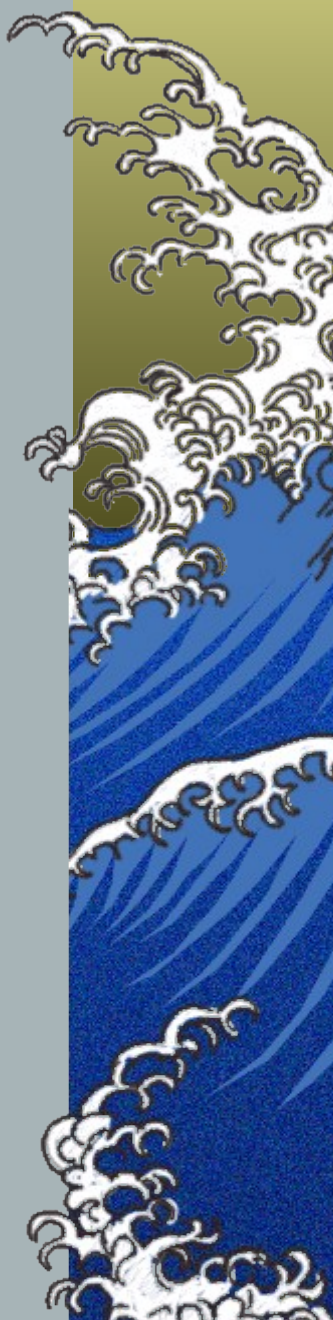
Profile Philosophy

- **Open architecture-***Totally customizable*
- **Total information sharing**



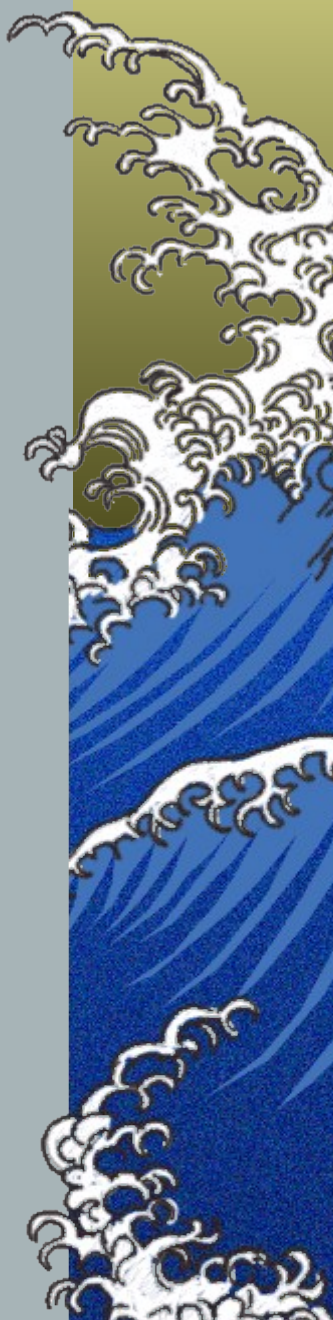
Benefits

- **More efficient data collection**
- **Less time documenting the routine**
- **More time available to focus on *significant* hazards**
- **Shares data for all ships of a class**
- **Spotlights data gaps**
- **Reduces time to deliver survey report**



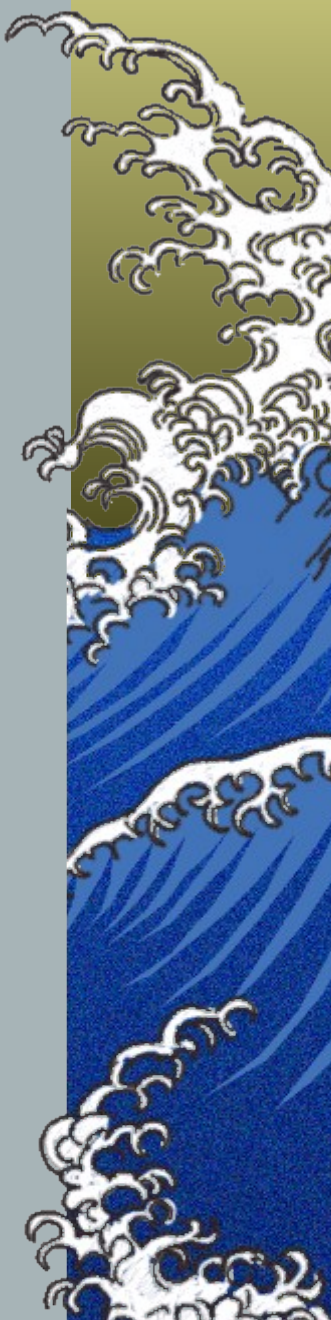
NEHC Provides

- **Updates -** *As new information is received from the field*
- **Support -** *Changes requested by users*
- **Training –** *For all categories of users*



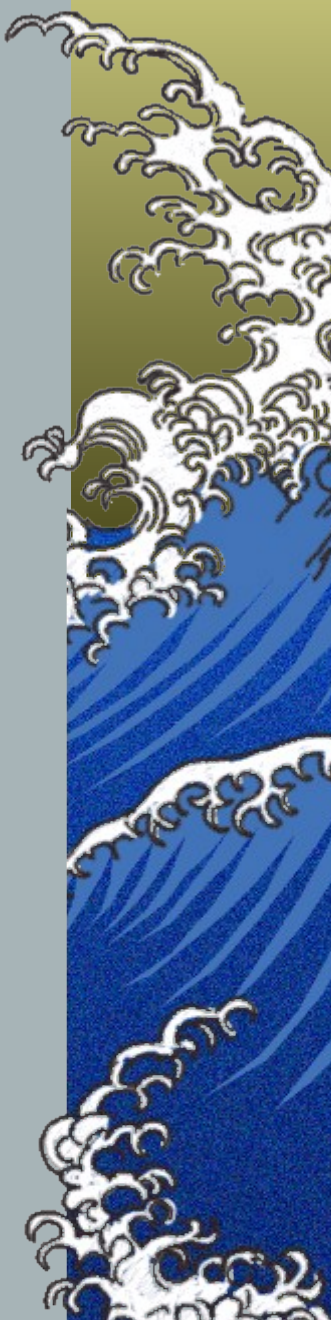
IH Provider Provides

- **Individual Ship Profile –** *Tailoring the Master Class Profile to a specific ship*
- **Support -** *Direct support to a ship or pass-through support request to NEHC at provider's option*
- **Feedback -** *Copies of new survey reports to NEHC*



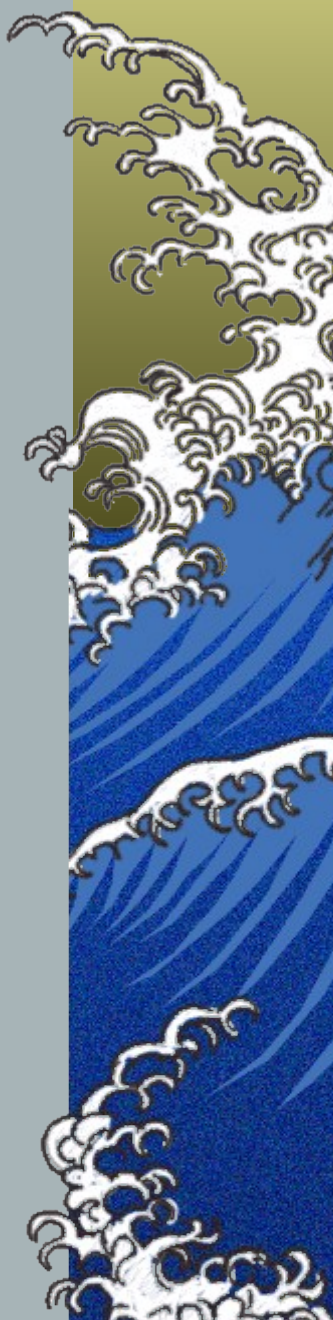
Environment/Vehicle

- **Microsoft Access® 2000 or 97**
- **LAN or individual computer –** *User's choice*
- **Distribution**
  - *Ships – CD-ROM*
  - *Shore-based users – CD-ROM or internet download from NEHC website*



Profile Information Retrieval

- **Operation/Hazard Searches**
- **Air Sample Searches**
- **Noise Measurement Searches**
- **Medical Surveillance Searches**
- **Training Requirements Searches**
- **Summary Lists that INSURV looks at**



Profile Main Menu

Navy Ship Class Occupational Safety and Health Profile

NEHC — Prevention & Protection — Our Global Commitment

CG 47 Class Occupational Safety and Health Profile

- Search for Workplace Hazards
- Search Noise Measurements
- Search Air Sample Results
- Search Medical Surveillance
- Noise and Eye Hazard Lists
- Respiratory Protection List
- Search for NAVOSH Training
- Links and References
- E-Mail a Feedback Report
- Enter or Edit Profile Data
- Exit

Version 2.00

Points of Contact
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* * * * *
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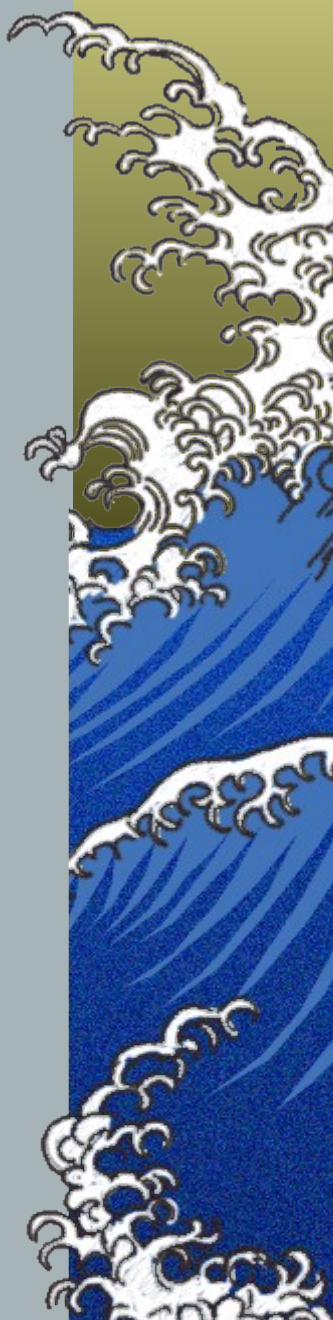
Operations Documented: 242 Air Samples Included: 27 Noise Measurements Included: 483

Master Profiles Available Now

- *CG 47*
- *CVN 68*
- *DD 963*
- *DDG 51 (Flts I & II)*
- *FFG 7*
- *LCC 19*
- *LHA 1*
- *LHD 1*
- *LPD 4*
- *MCM 1*
- *MHC 51*
- *SSN 688*
- *SSBN 726*

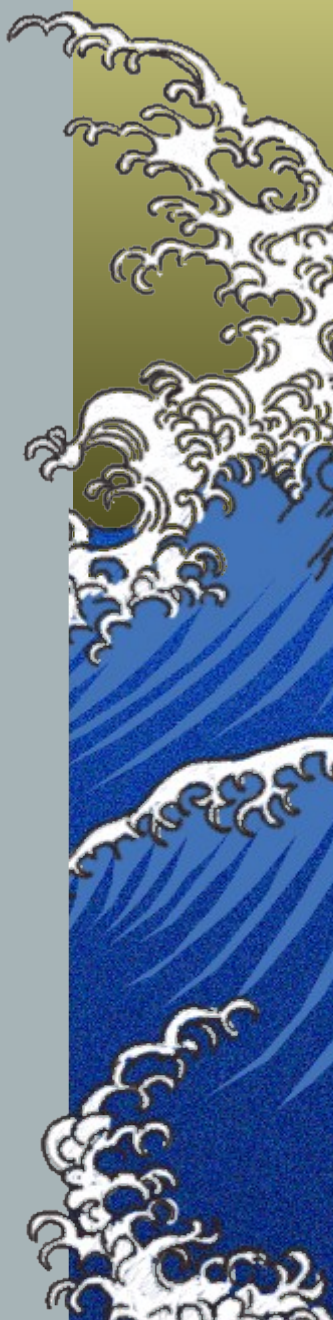
Future

- **Virtual walk through the ship interface**
- **Palm Pilot version**



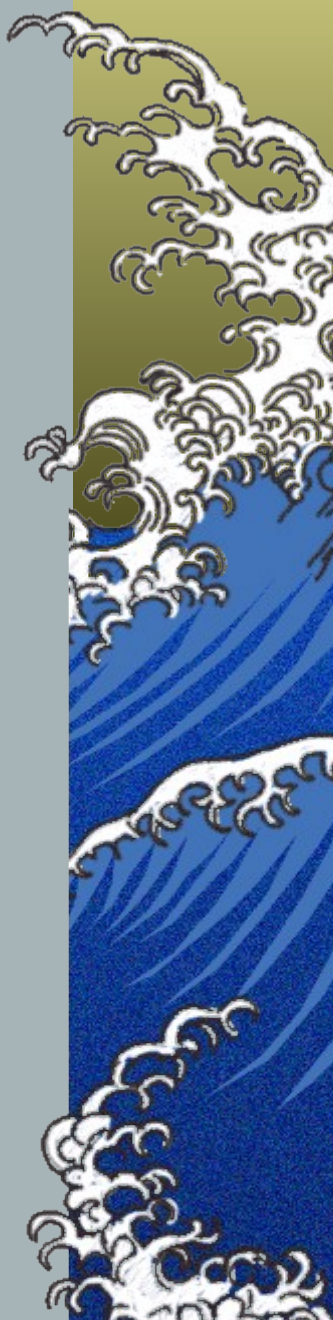
New Topic

Improving Existing Data



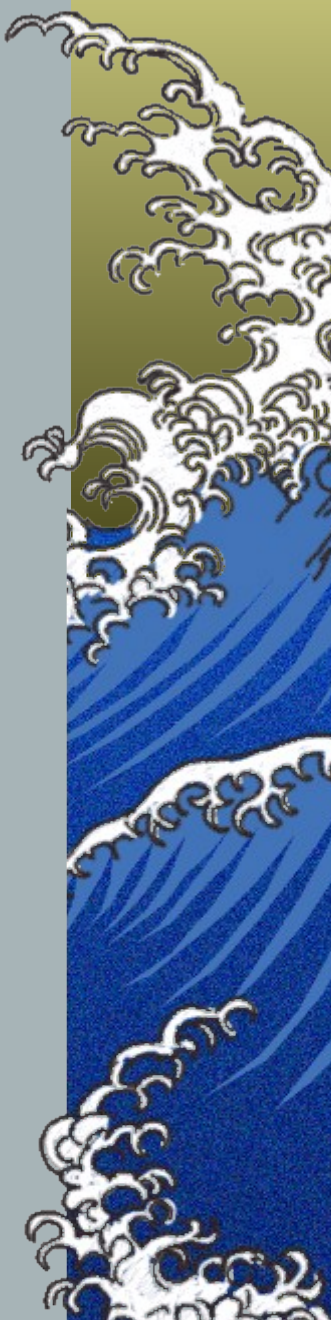
OpCodes

- **Start using OpCodes**
  - *All new data systems work on OpCodes (e.g., IHIMS, Profiles, DOEHRS)*
  - *Take a little extra time and use the most specific OPCODE*
  - *Listed in IHFOM Chapter 3*



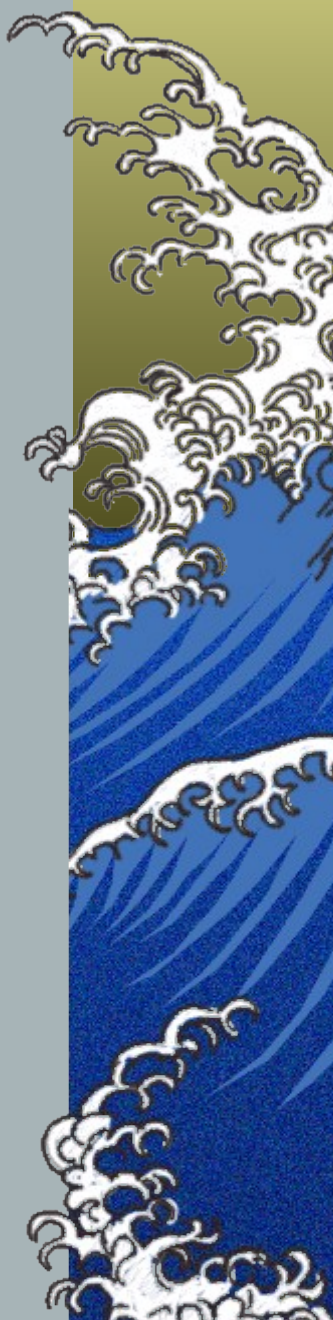
Compartment Numbers

- **Names <u>and</u> Numbers**
  - *Data systems work on numbers (e.g., Profiles)*
  - *Less ambiguous than names*
  - *Name may change but not number*
  - *Compartment # not water-tight door #*
    - *Bullseye is most reliable*
    - *Compartment #s end with a letter*



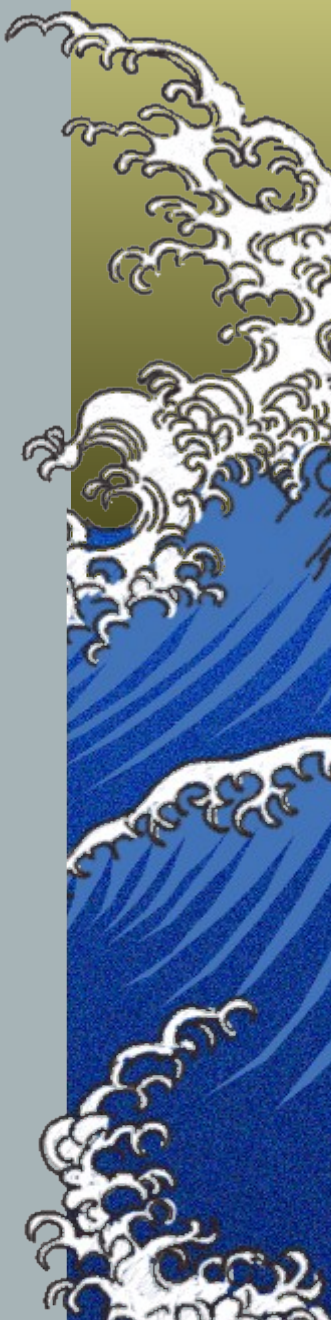
References to Other Samples

- **Give us some clue as to where the referenced results are**



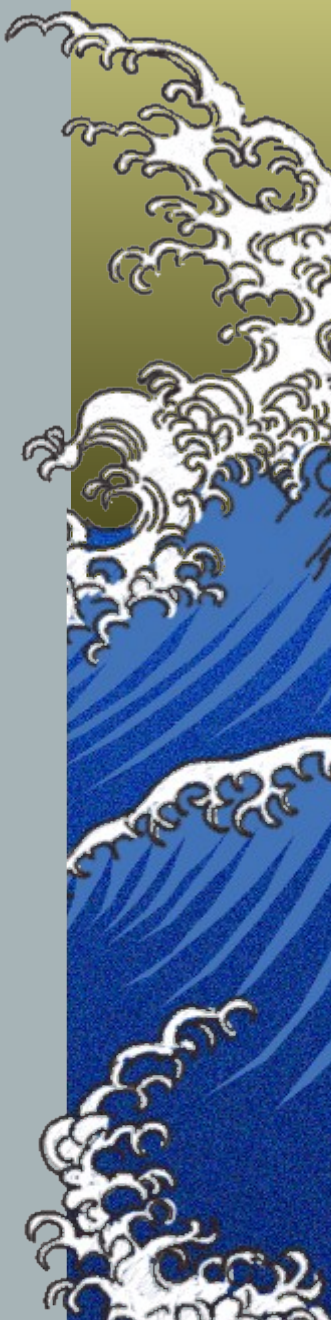
Non-Specific Controls

- **If it's a glove, specify the material**
  - *The IH is better able to make this decision than the ship*
  - *But make sure it's a glove the ship can get*
  - *For the ship to get a manufacturer's recommendation is sometimes almost impossibel*
- **Ditto for all other controls**



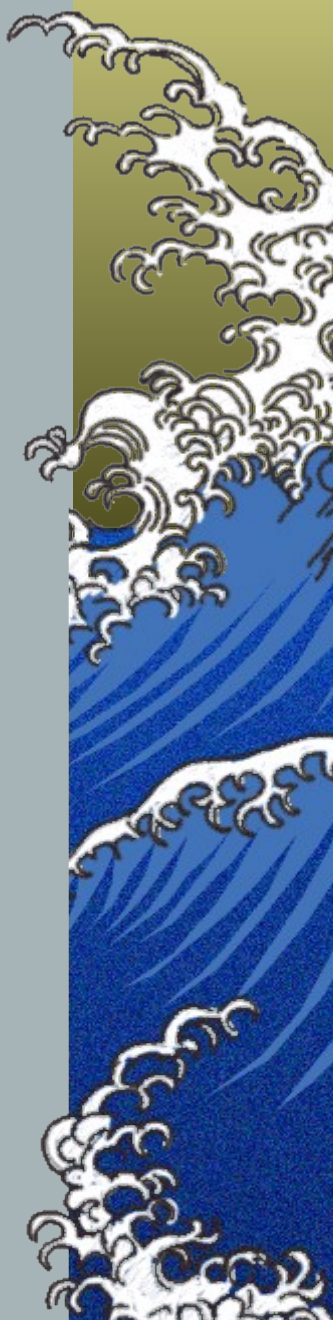
Harmonizing Controls

- **Recommendations vary greatly by provider**
  - *NEHC will get a broad task force together to work on this*
- **Examples**
  - *Aerosol can stenciling-Goggles/No goggles*
  - *Brush/roller painting-Goggles/No goggles*



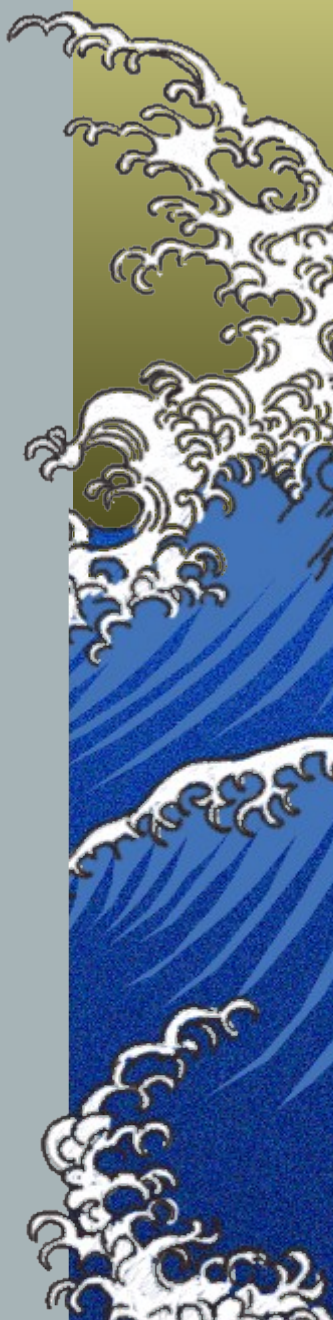
Ventilation Measurements

- **CPS (Collective Protection System) Set or Not**
  - *Makes a big difference (DDGs and others)*
  - *Designed for CPS Set*
- **“Adequate Ventilation” recommended**
  - *I’m not sure what that means much less the ship*



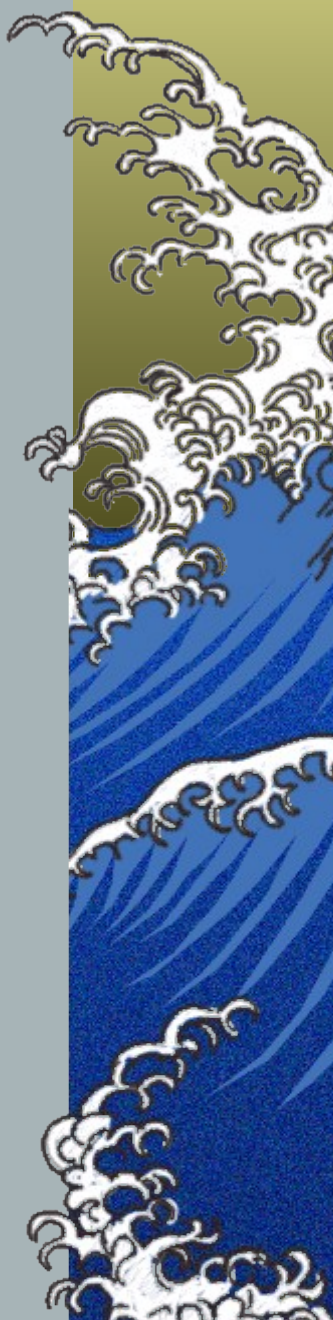
Chemical Names

- **The ship knows the Tradename not the Chemical name so give both**



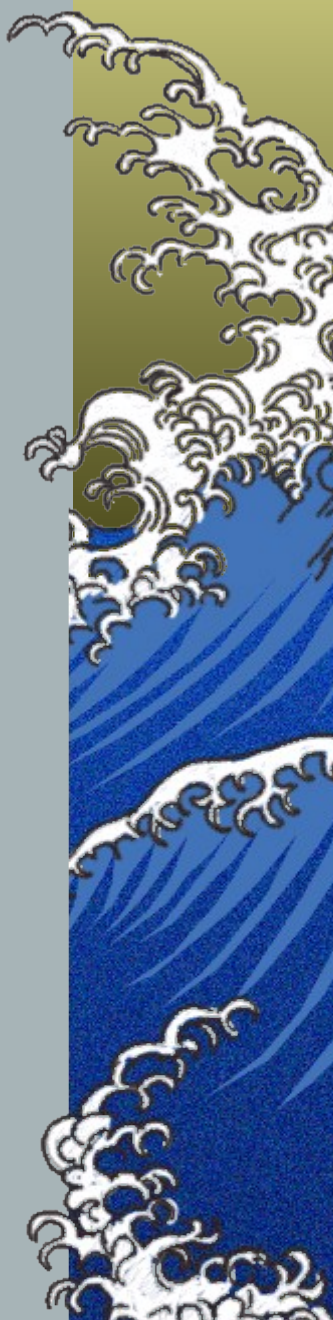
PMS Operations

- **List these only if they are a significant hazard or you are going to recommend a change to the Controls**
- **Put the PMS Feedback Report for the change in yourself rather than having the ship do it, you will explain it better**



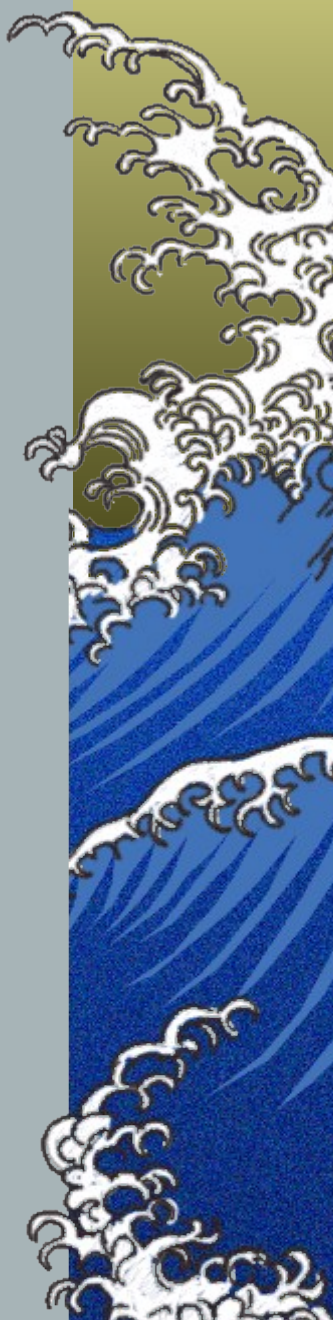
Getting Things Fixed

- **Provide enough specific information for the ship to put in a work request**
- **Spend more time investigating why things don’t work and less time on administrative details**



To All Us Old Folks

- **Get out of the office more and run with the troops, it's called mentoring**



Questions?

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